

FIGURE 1

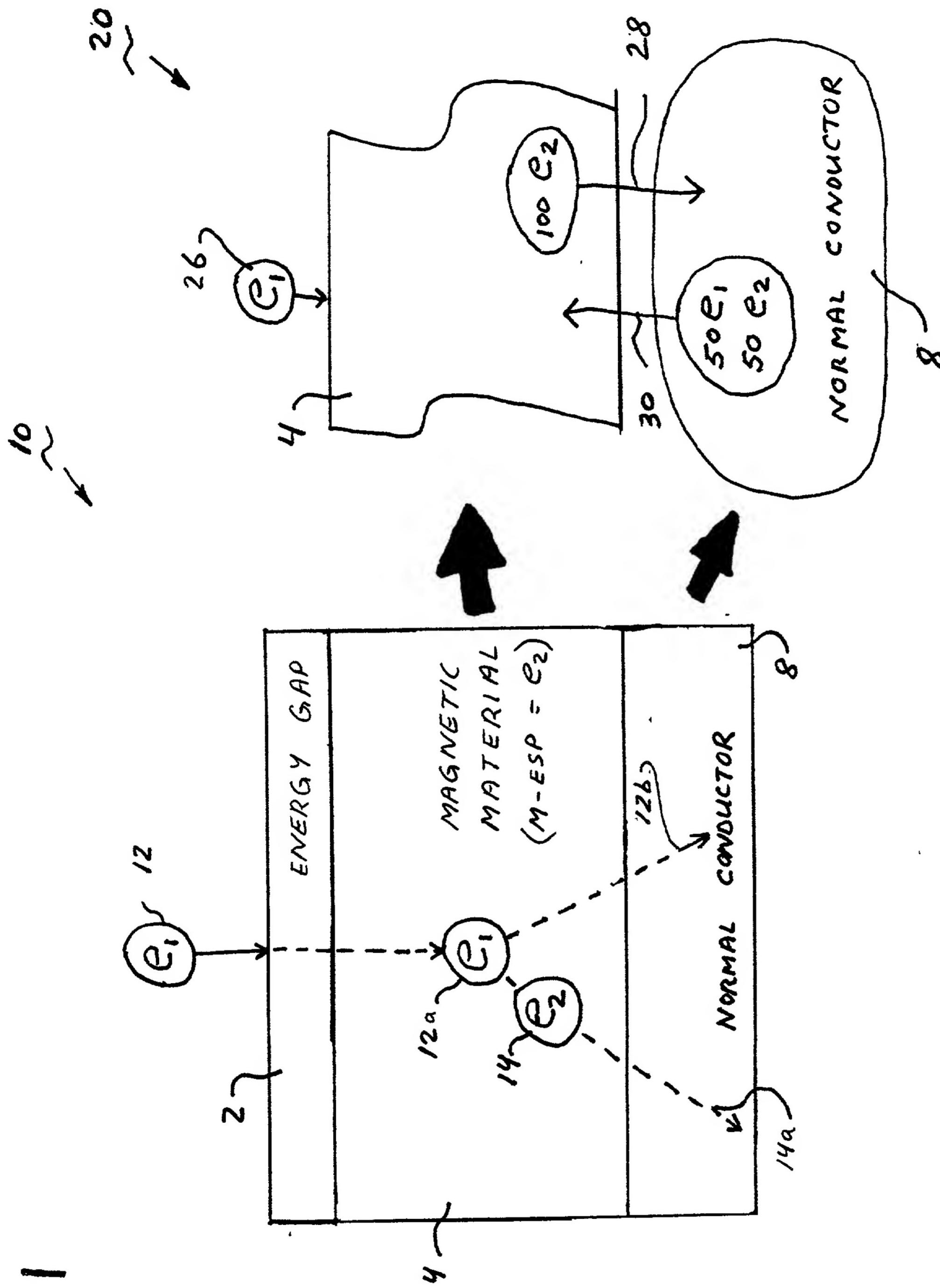


FIGURE 1B

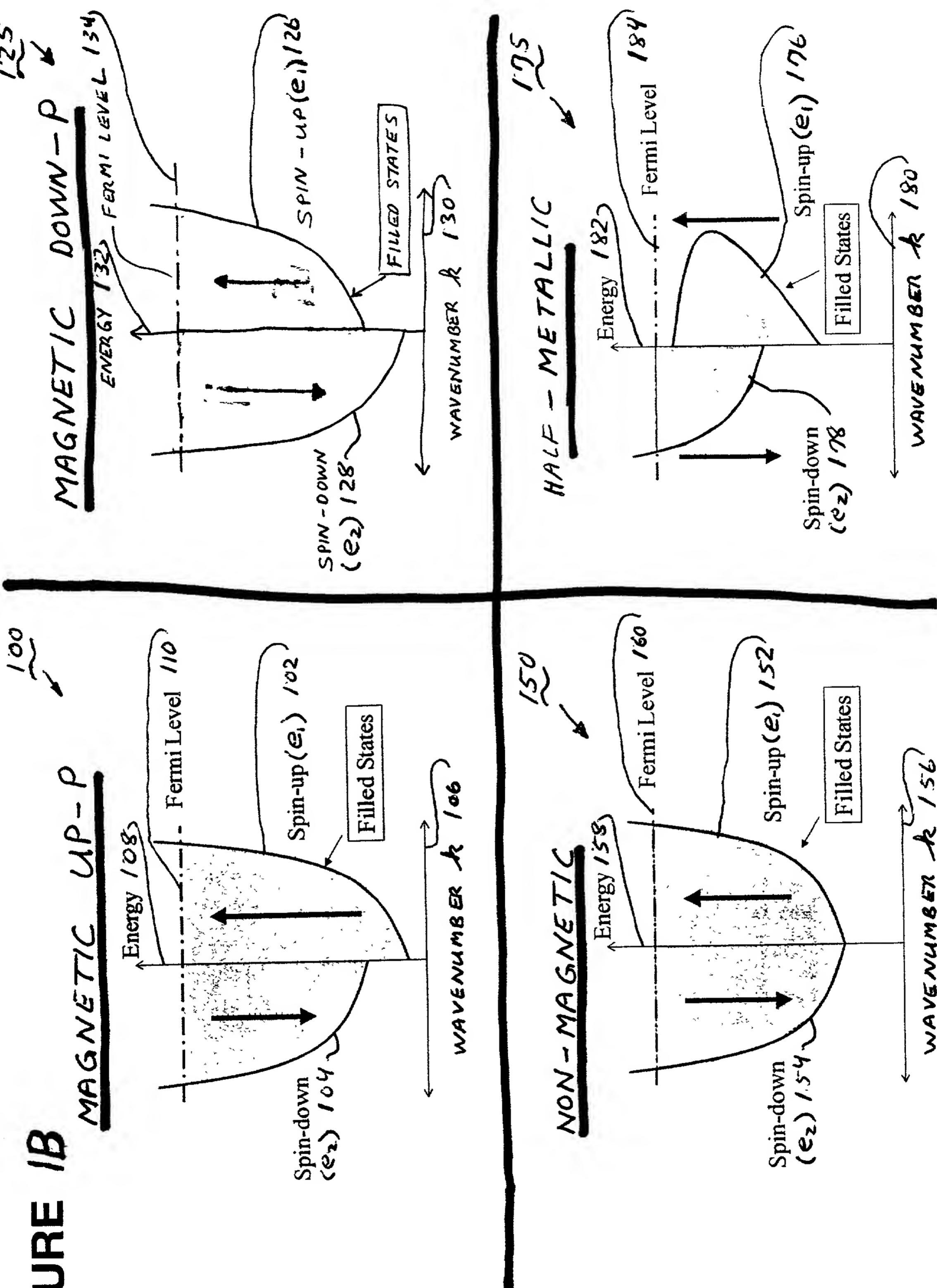


FIGURE 2

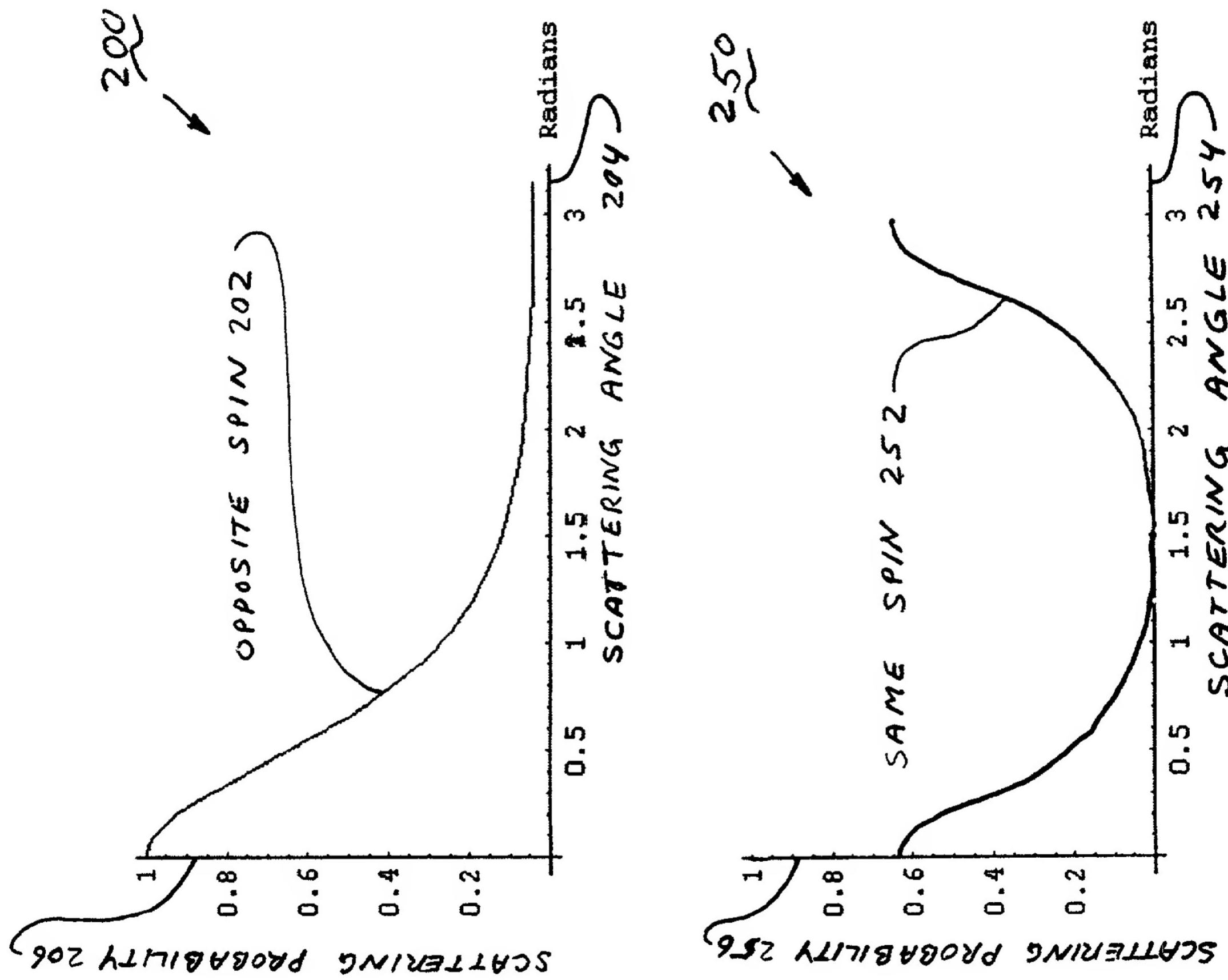


FIGURE 3

MEAN FREE PATH BEFORE COLLISION

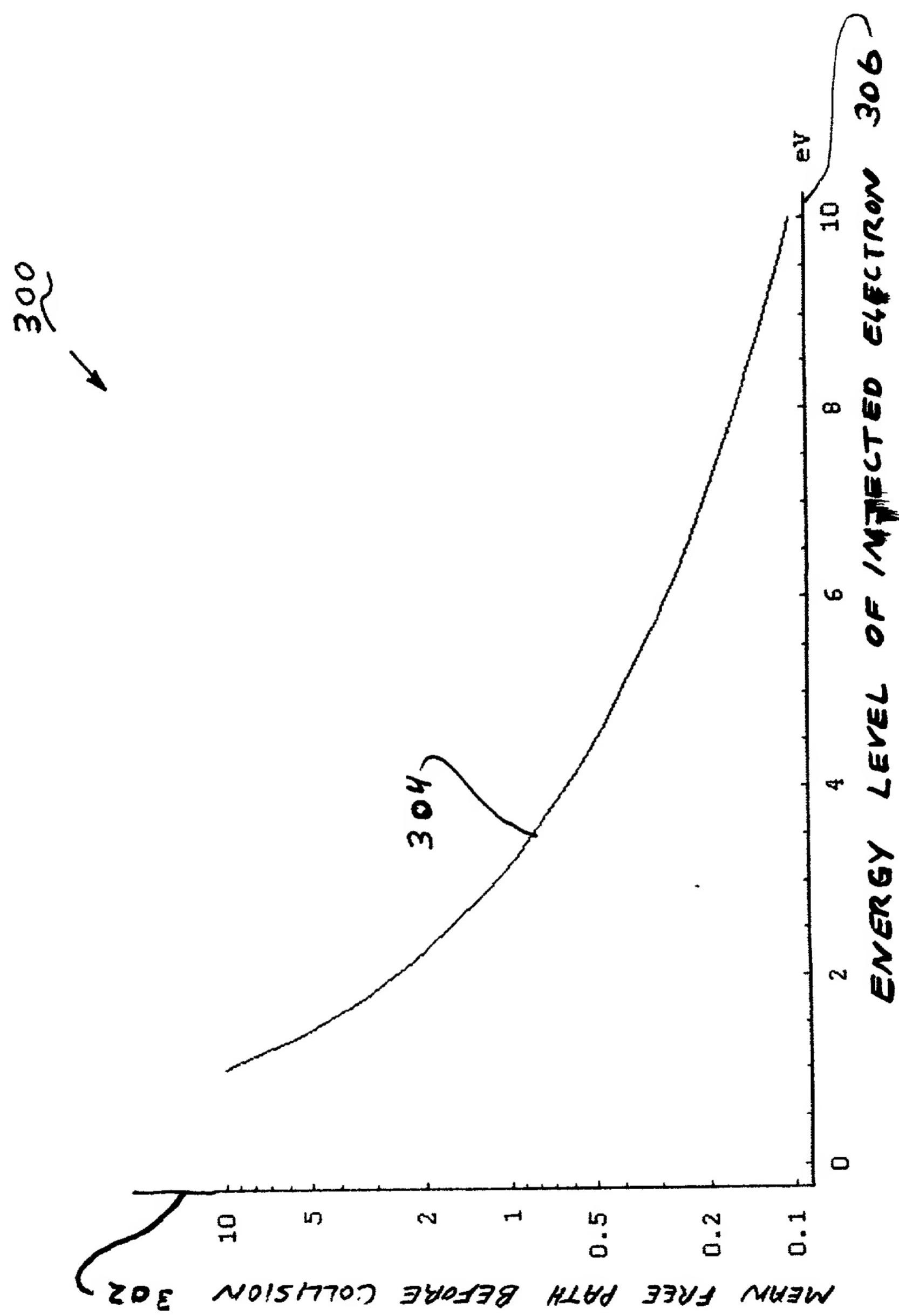


FIGURE 4

402 CRITICAL EQUATION FOR REVERSAL OF THE
SPIN POLARIZATION OF THE MAGNETIC VOLUME

$$\frac{N_s}{2s} < \frac{I}{e} \cdot g$$

404 N_s = NUMBER OF SPINS IN A MAGNETIC VOLUME

406 τ_s = SPIN RELAXATION TIME

408 I = ELECTRON CURRENT

410 e = ELECTRON UNIT CHARGE

412 g = NUMBER OF e_2 POLARIZED ELECTRONS EJECTED
PER INJECTED e_1 POLARIZED ELECTRON

FIGURE 5.

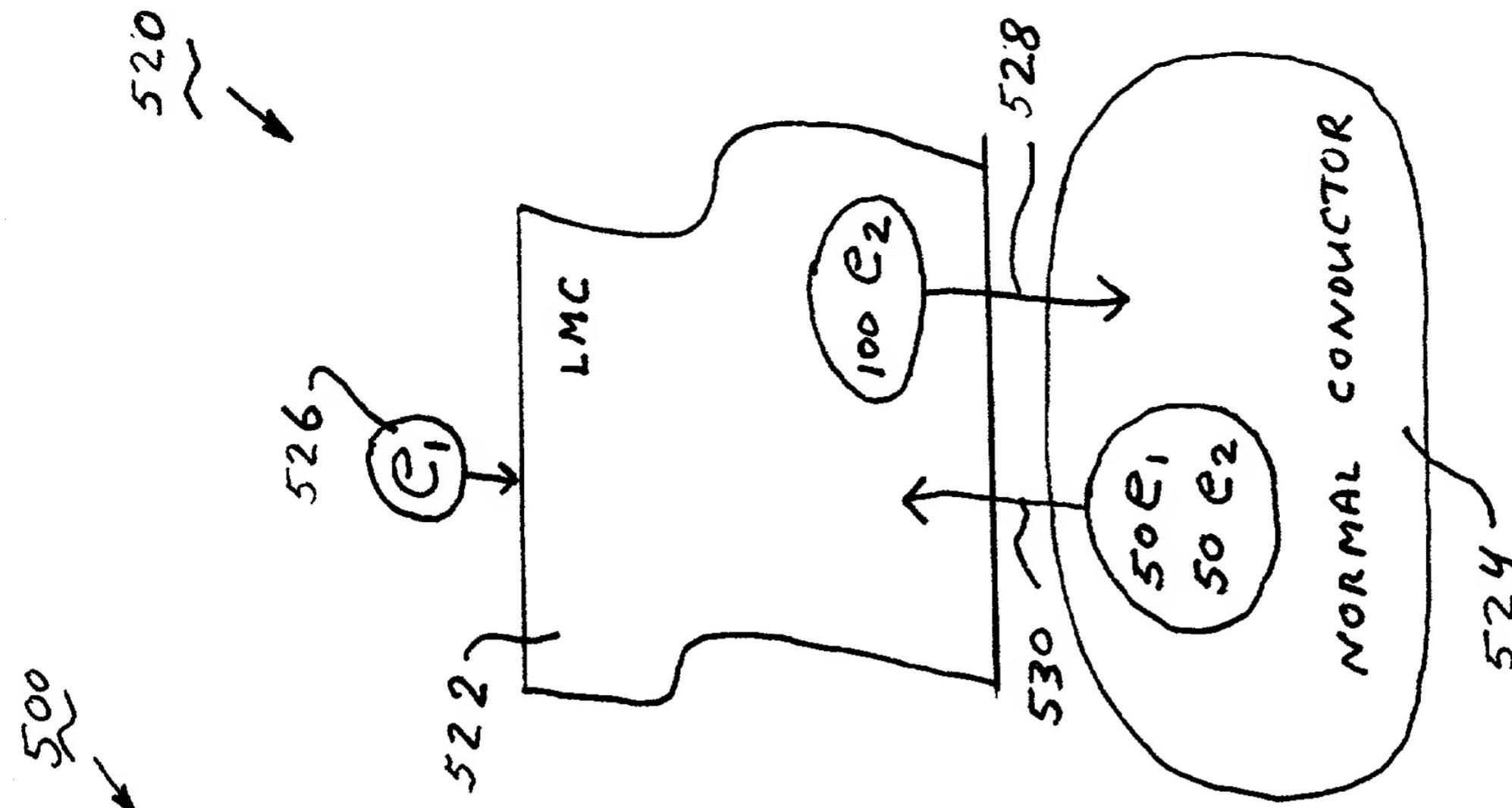
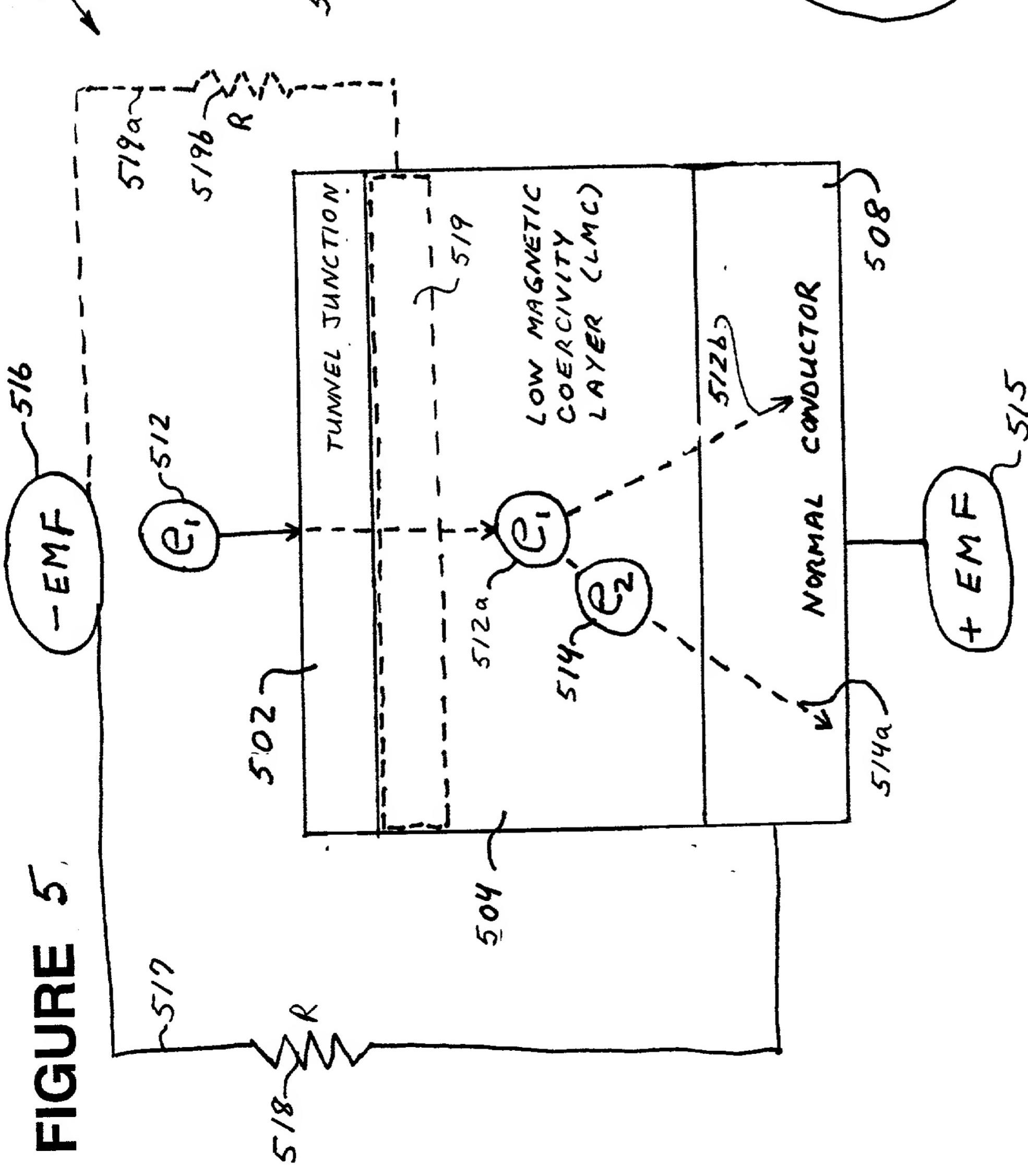


FIGURE 6

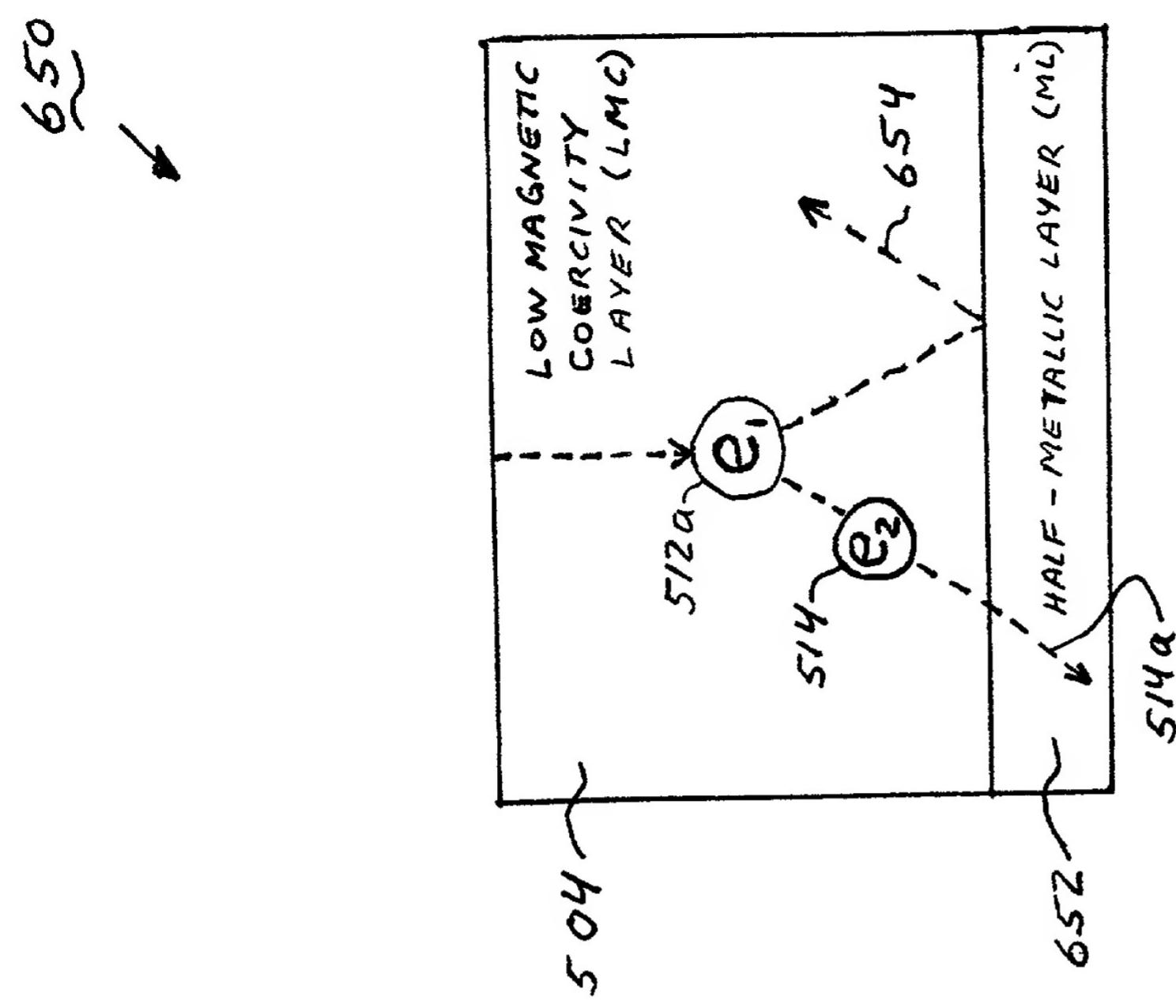
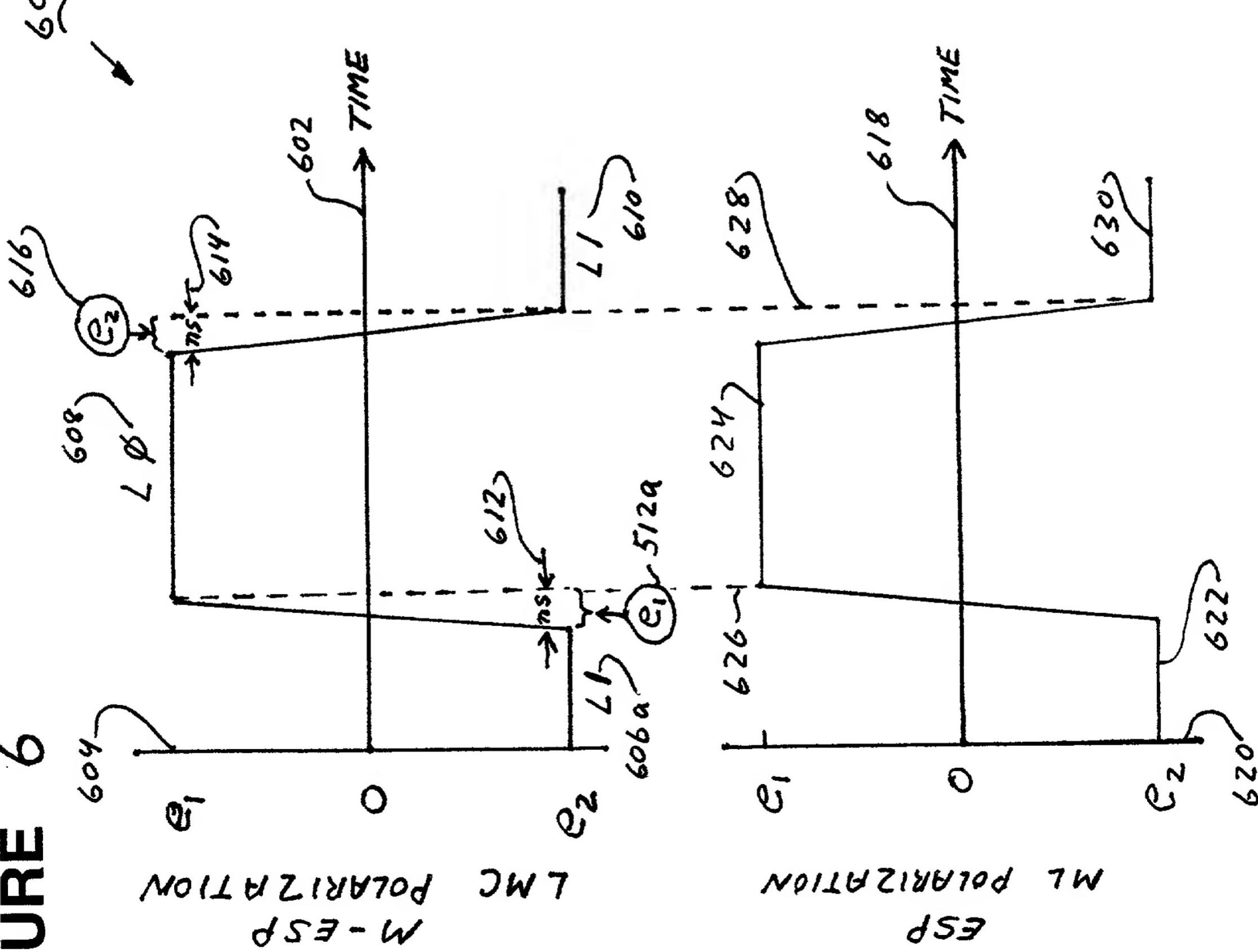


FIGURE 7

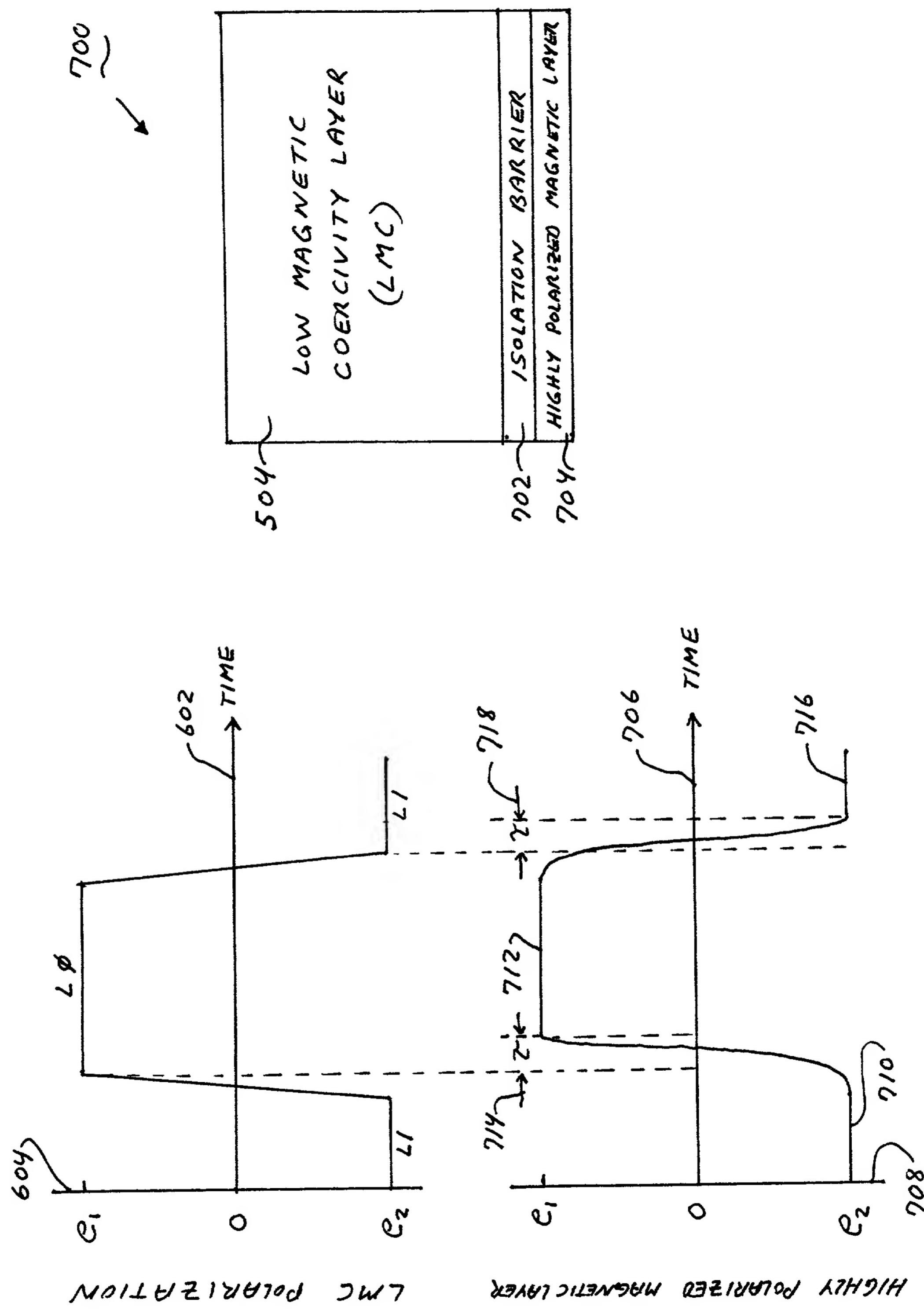


FIGURE 8

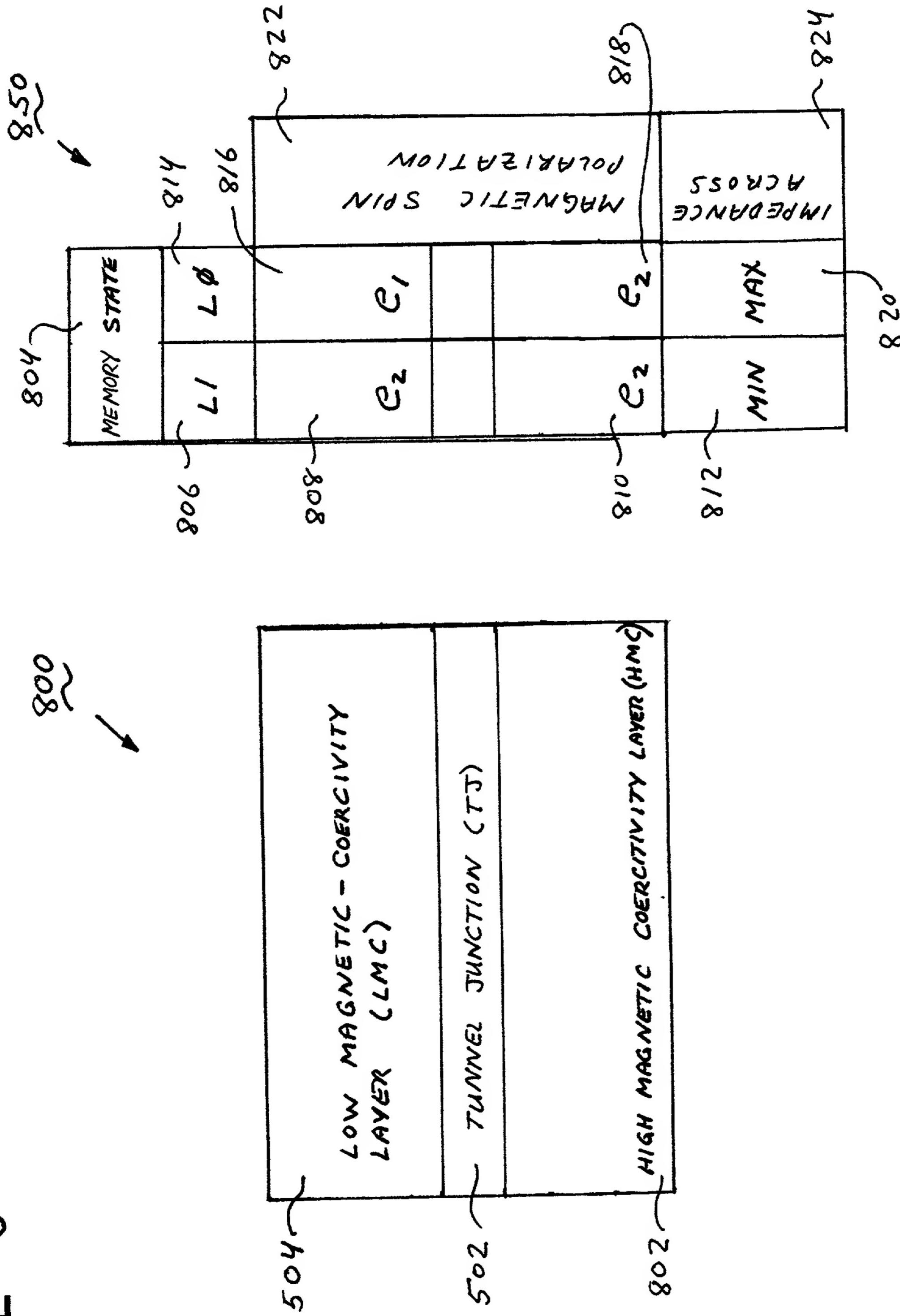


FIGURE 8B

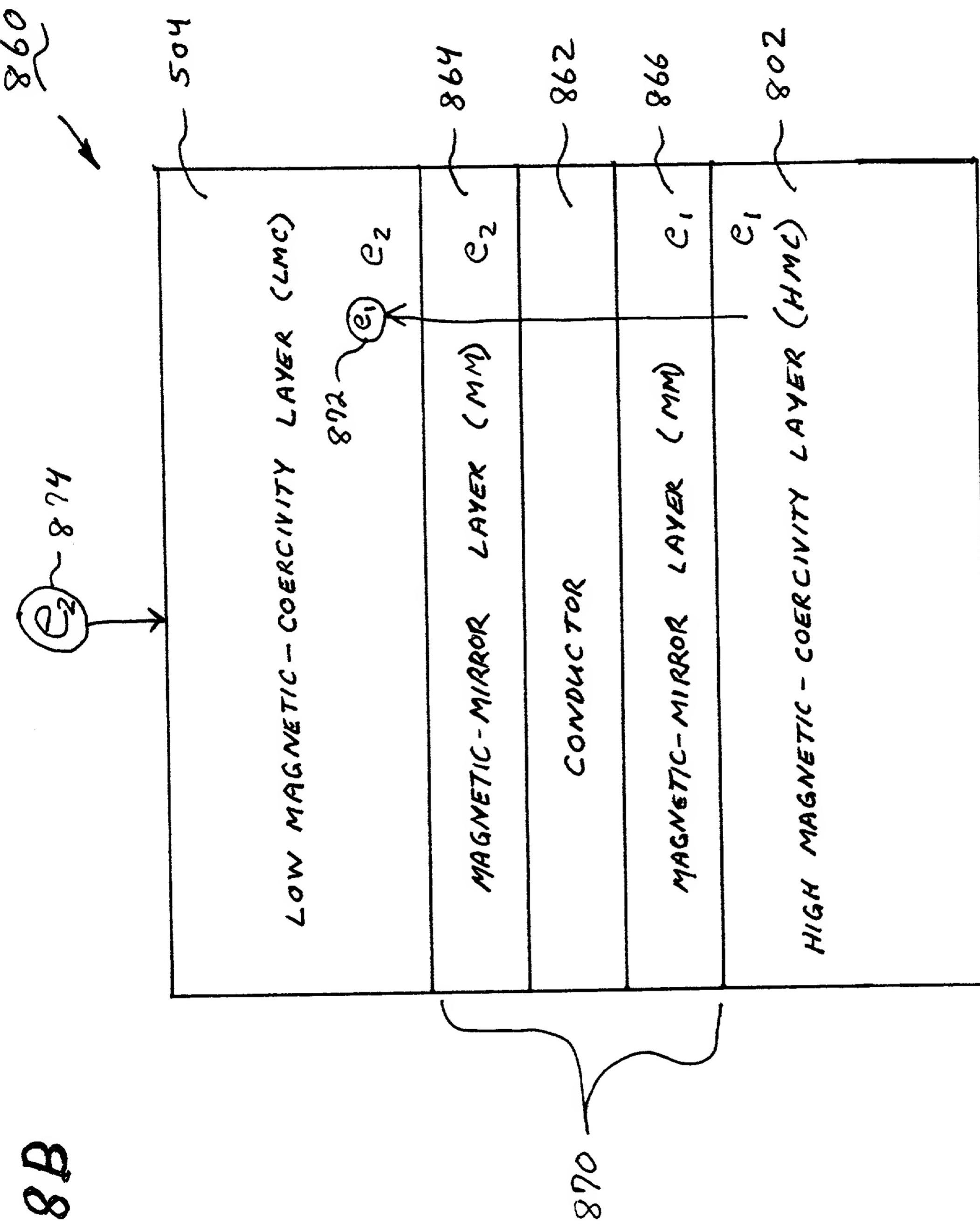


FIGURE 9

Application to VMRAM

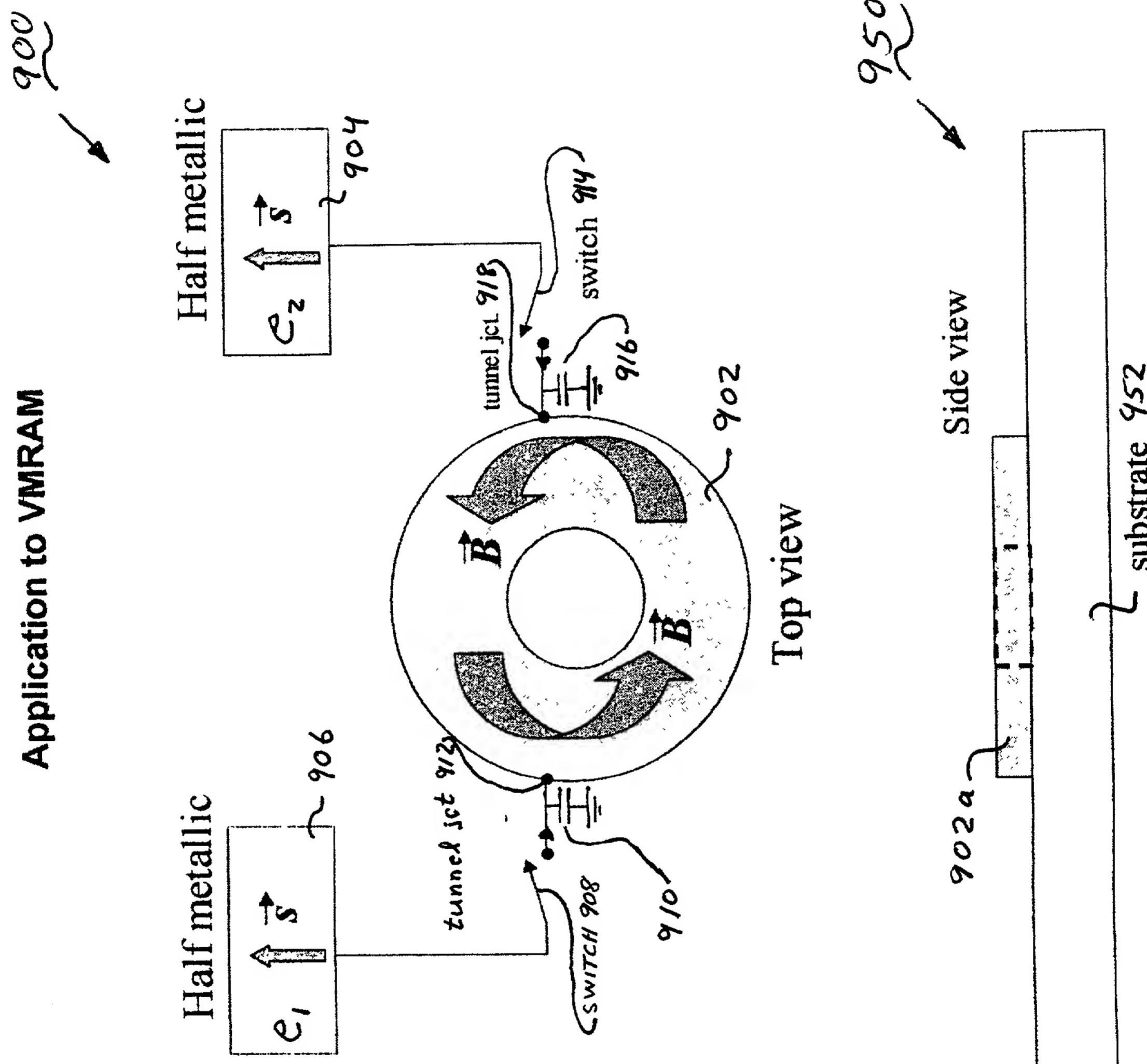


FIGURE 10

i_{000}

